

Friday, March 21, 1997
PLANETARY INTERIOR PROCESSES
8:30 a.m. Room C

Chairs: T. L. Grove
V. J. Hillgren

Li J.* Agee C. B.

Partitioning of Volatile Elements During Core-Mantle Differentiation

Holzheid A.* Sylvester P. Palme H. O'Neill H. St. C. Rubie D. C.

High Pressure Pd-Metal/Silicate Partition Coefficients: Confirmation of the Late Veneer Hypothesis

Kadik A. A.* Holloway J. R.

The Effect of Oxygen Fugacity and Pressure on Solubilities of Nickel and Cobalt in Silicate Melts in the Presence of Graphite and (CO,CO₂) Fluid

Hillgren V. J.* Boehler R.

High Pressure Interactions Between Fe-Metal and Mantle Silicates

Wänke H. Dreibus G.*

New Evidence for Silicon as the Major Light Element in the Earth's Core

Morgan J. W.* Walker R. J. Smoliar M. I. Beary E. S. Baedeker P. A.

Coupled ¹⁹⁰Pt-¹⁸⁶Os and ¹⁸⁷Re-¹⁸⁷Os Isotopic Systems: Detection of Possible Core-Mantle Interaction and Estimation of Sulfur in the Outer Core

Humayun M.* Brandon A. D. Dick H. J. B. Shirey S. B.

Ir/Os Constraints on Terrestrial Accretion and Core Formation

Agee C. B.* Shannon M. C.

Experimental Constraints on Percolative Core Formation at Lower Mantle Conditions

Grove T. L.* Van Orman J.

Origin of Hi-Ti Lunar Ultramafic Glasses: Evidence from Phase Relations and Dissolution Kinetics of High-Ti Magma Ocean Cumulates

Hanson B.* Jones J. H.

The Effects of Fe on Cr Redox State in Spinel-Saturated Basalts

Colson R. O.* Colson M. C.

Chromium, a Dimer in Silicate Melts?: New Electrochemical Evidence Addressing Dimerization and the Conditions Under Which It is Important

Sasaki S.*

Dissolution of Primary Solar-type Atmosphere into the Earth's Interior and Terrestrial Noble Gas Evolution

Turcotte D. L.*

How Does the Interior of Venus Lose Heat?